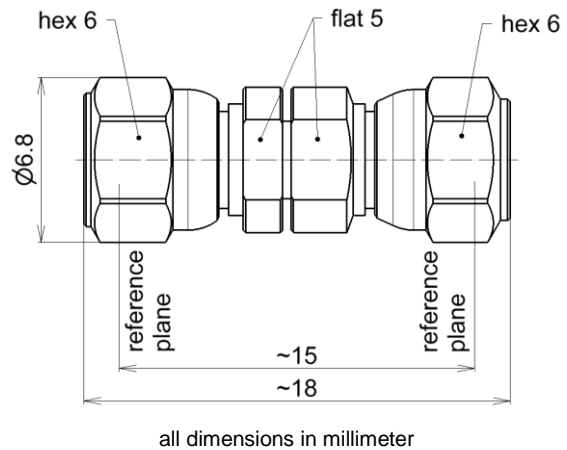


## Adapter; precision, 1.0 mm plug, 0.8 mm plug | BN 533166

A photo of the product  
is to be placed here.



## Radio frequency characteristics

|                             |   |
|-----------------------------|---|
| Interface type              | 1.0 mm plug per IEEE Std 287<br>0.8 mm plug per IEEE Std 287                                      |
| Frequency range             | DC to 120 GHz   |
| Characteristic impedance    | 50 Ω  |
| Return loss, min.           | 25 dB @ DC to 26.5 GHz<br>22 dB @ 26.5 to 50 GHz<br>18 dB @ 50 to 90 GHz<br>15 dB @ 90 to 120 GHz |
| Repeatability, min.         | 45 dB (per IEEE Std 287.1)  |
| Insertion loss, max. / typ. | 0.7 dB / 0.5 dB   |

## Mechanical characteristics

|  |  |
|--|--|
| Inner conductor material / surface coating | CuBe age hardened / gold-plated                    |
| Outer conductor material / surface coating | CuBe / gold-plated<br>copper alloy / gold-plated   |
| Other parts material / surface coating     | copper alloy / gold-plated<br>CuBe / CuSnZn-plated |
| Weight, approx.                            | 5 g  |
| Marking                                    | laser engraving                                    |

## Environmental conditions

|                           |                      |
|---------------------------|----------------------|
| <b>Operation</b>          |                      |
| Ambient temperature range | +18 to +28°C         |
| Relative humidity, max.   | 95% (non-condensing) |
| <b>Storage</b>            |                      |
| Ambient temperature range | -40 to +70°C         |
| Relative humidity, max.   | 95% (non-condensing) |



Adapter; precision, 1.0 mm plug, 0.8 mm plug | BN 533166

**Scope of delivery and accessories**

|                   |                 |
|-------------------|-----------------|
| Scope of delivery | protective caps |
|-------------------|-----------------|

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